Покупка билетов на самолет
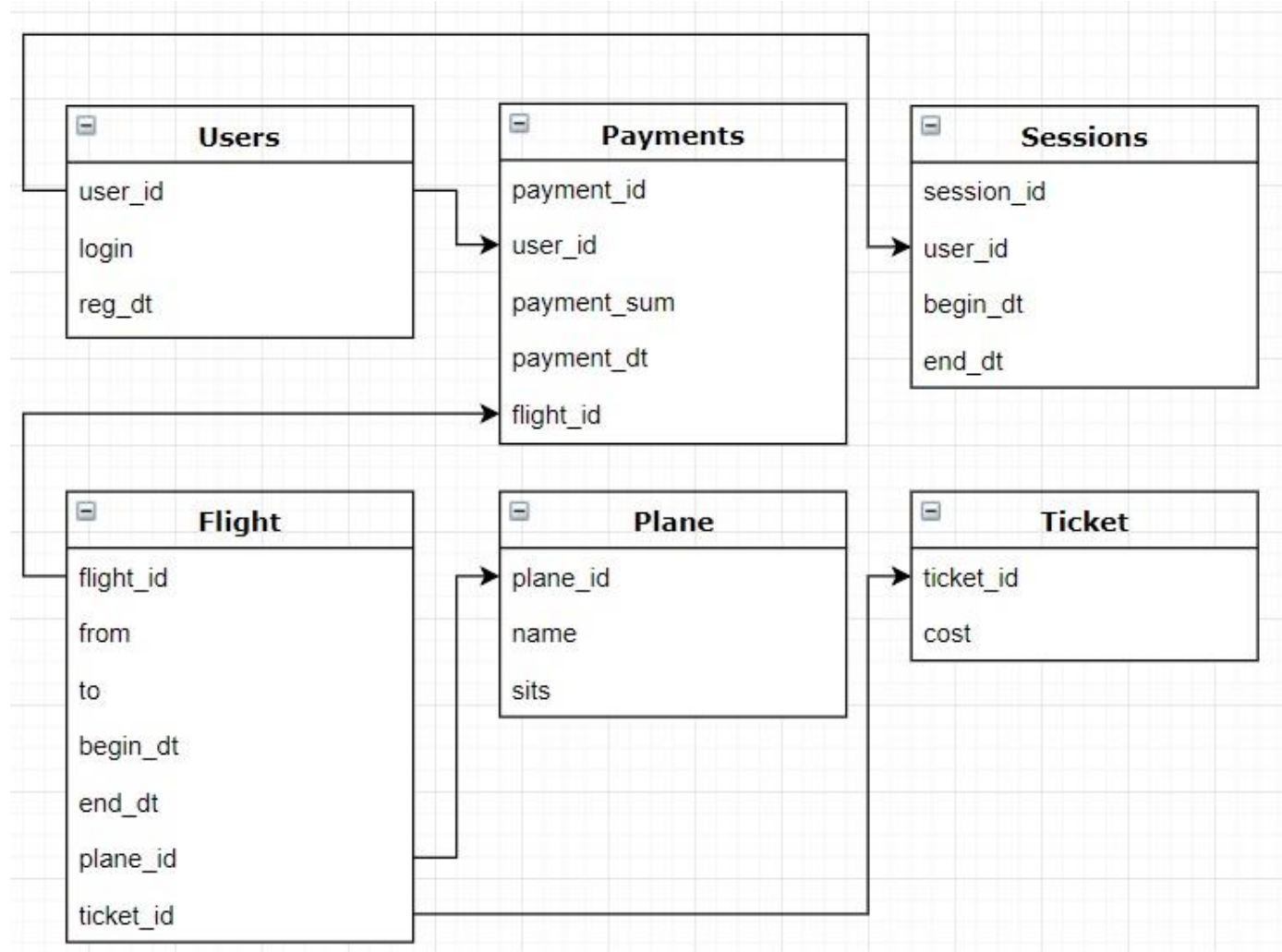
Кудашов Аркадий

Схема базы

Созданные и заполненные таблицы

- Demo
- https://github.com/ark85/TrackDataBase2_project

Запросы

Возможность купить билет:

CREATE OR REPLACE VIEW sold_tickets AS

SELECT f.flight_id, SUM(IF(pay.payment_sum DIV t.cost > 0, pay.payment_sum DIV t.cost, 1)) AS 'ticket_count'

FROM flights f LEFT JOIN payments pay ON f.flight_id = pay.flight_id

LEFT JOIN tickets t ON f.ticket_id = t.ticket_id

GROUP BY f.flight_id;

SELECT f.flight_id, IF(p.sits > st.ticket_count, TRUE, FALSE) AS 'possibility_to_by_ticket'

FROM flights f

LEFT JOIN planes p ON f.plane_id = p.plane_id

LEFT JOIN sold_tickets st ON f.flight_id = st.flight_id
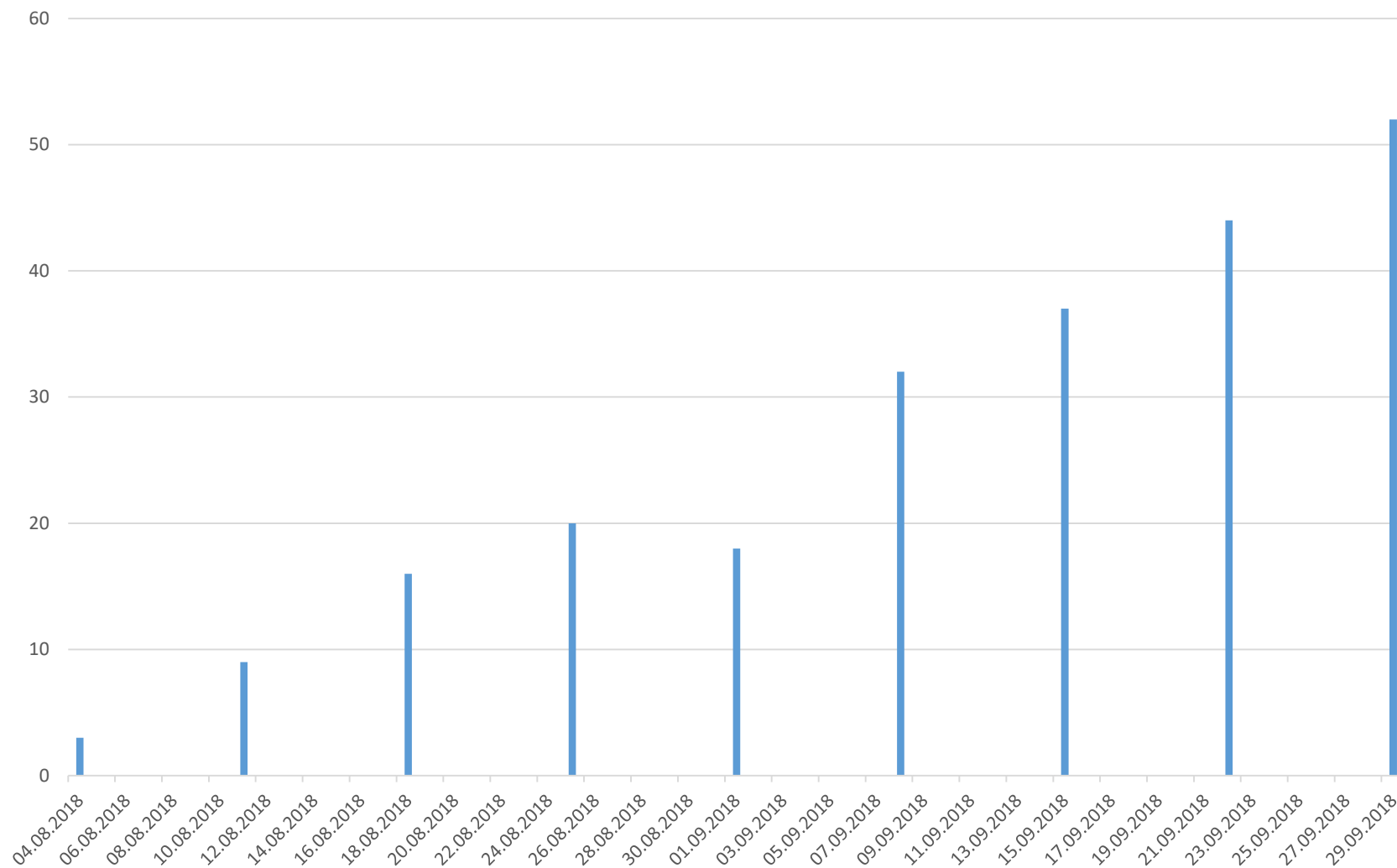
Запросы

Число проданных билетов:

SELECT f.flight_id, SUM(IF(pay.payment_sum DIV t.cost > 0, pay.payment_sum DIV t.cost, 1)) AS 'ticket_count'

FROM flights f LEFT JOIN payments pay ON f.flight_id = pay.flight_id

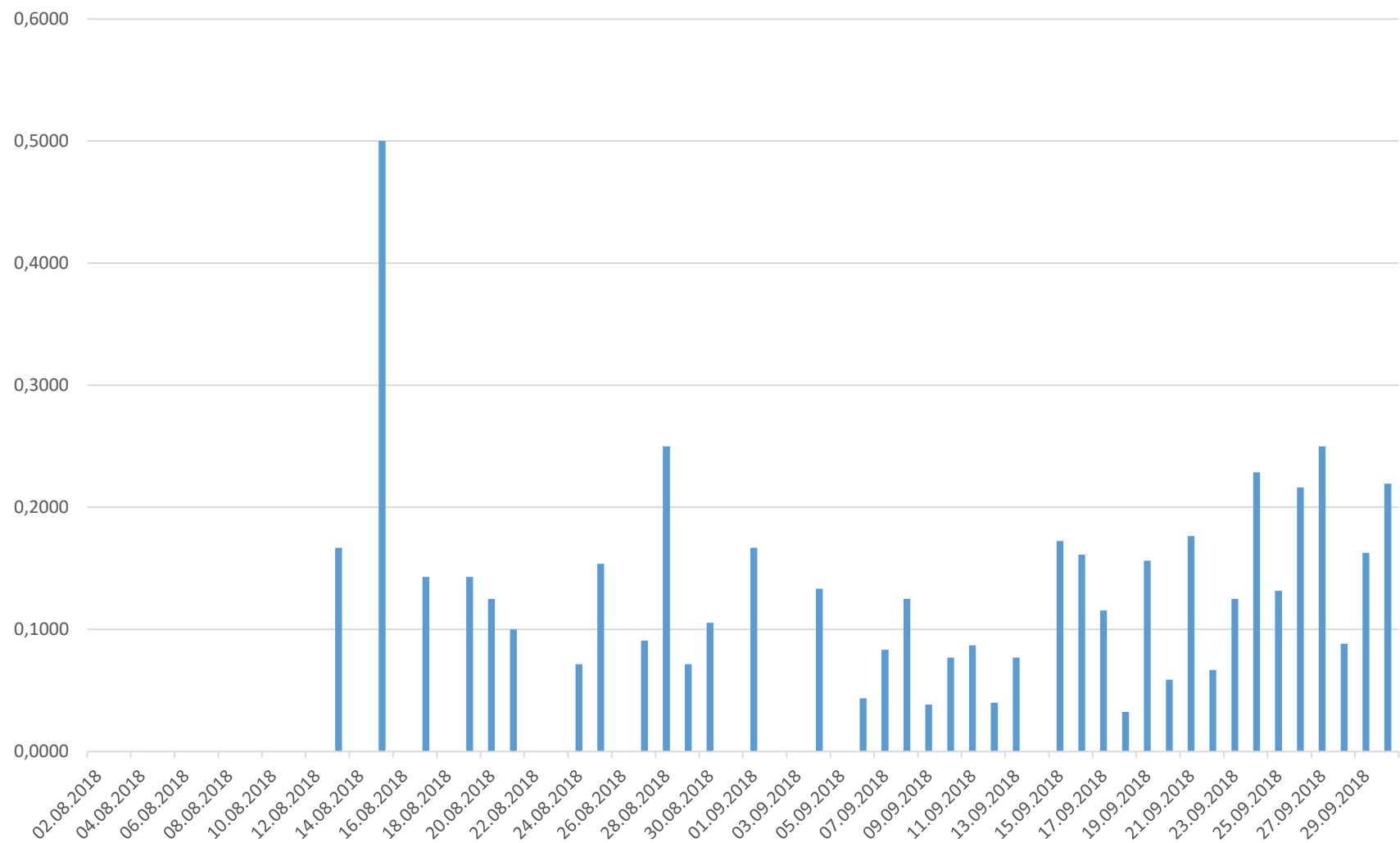LEFT JOIN tickets t ON f.ticket_id = t.ticket_id

GROUP BY f.flight_id;

Запросы

Рейсы per user:

SELECT u.login, p.payment_sum, p.payment_dttm, f.*

FROM users u, payments p, flights f

WHERE u.user_id = p.user_id AND p.flight_id = f.flight_id

AND f.begin_dttm > '2018-10-01'

WAU

PPU

ARPPU